

Food Writing, Tarantulas and the Paperless Classroom: Yale's iPad Experiment

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November 9, 2012

What we'll cover

- **What is this experiment?**
- **Evolution of the program**
- **Examples of the project in action**
- **Challenges and Benefits of Collaboration**
- **Lessons Learned**



Yale's iPad Program



- Instructors submit proposals for use of classroom set of iPads (up to 20)
- Academic Computing provides pedagogical and technical support
- Library loads the apps, images, and distributes the iPads
- Participants expected to evaluate the program and share their experiences with other staff and faculty
- Items loaned for variety of timeframes (2 weeks, semester, academic year)

Yale's iPad Program



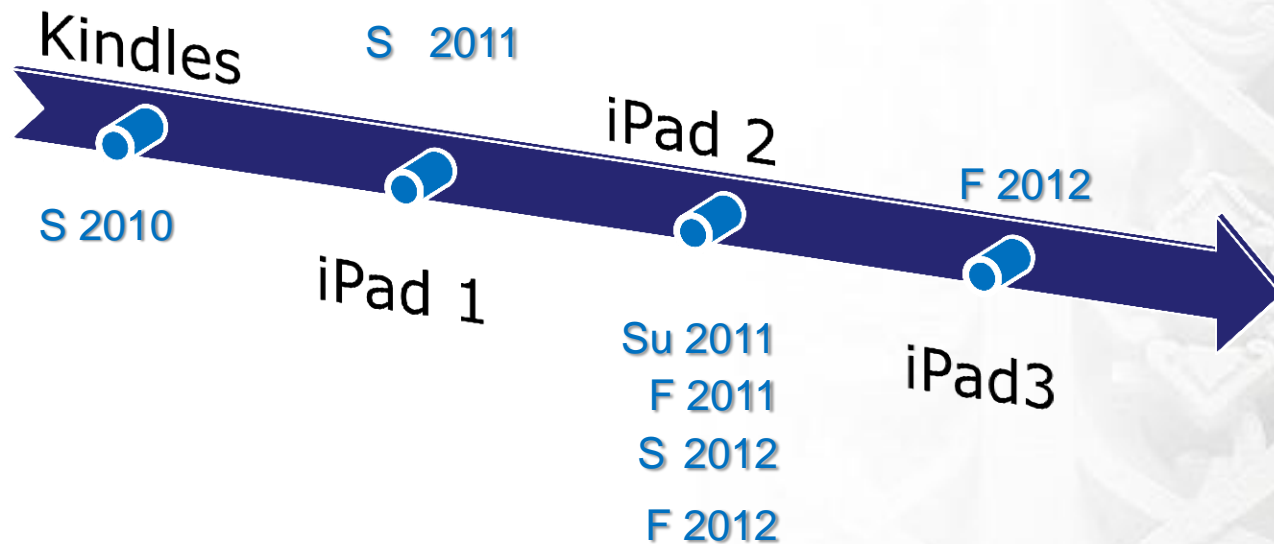
- Not a laptop lending program
- Not a general tablet circulation program



- Chance to learn mobile technology and develop understanding from user perspective
- Learning how to support circulation of iPads for a variety of reasons
- Opportunity to collaborate and experiment on exciting project

Program Evolution

- **Kindle Project**
- **iPad Shop**
- **Program expansion**



Shady Nasser – Elementary Modern Standard Arabic

- iPad 1s (spring)/iPad 2s (summer)
- Individual check out (no accessories)
- Consumption/Production
 - iFlash
 - Flashcards Deluxe
 - Quizlet

خ	ح	ج	ث	ت	ب	أ
Kh	Haa'	Jiim	Thaa'	Taa'	Baa'	'Alif
ص	ش	س	ز	ر	ذ	د
Saad	Shiin	Siin	Zaayn	Raa'	(Th)aal	Daal
ق	ف	ع	غ	ظ	ط	ض
Qaaf	Faa'	Ghayn	'Ayn	(Th)aa'	Taa'	Daad
ي	و	ه	ن	م	ل	ك
Yaa'	Waaw	Haa'	Nuun	Miim	Laam	Kaaf



First impressions

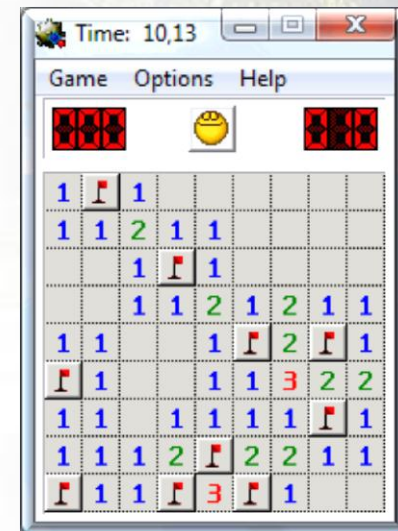
- Difficulties in imaging iPads in multiples
- iPads are inherently for individual use rather than enterprise use
 - Performing updates when iTunes accounts are 'owned' by Library (e.g., iOS 5 in Fall '11)
- What standard apps should all iPads come loaded with?
- Desire to have a general circulating set of the iPad1s when iPad2s are purchased
 - iPad Usage Study

iPad Usage Study

- Done in July/August 2011
- Handed out 12 iPads to faculty, staff and graduate students
- 4 week loan
- Participants asked to record in a diary 3x/week
- Participants asked to try out library resources (eBook, EBSCO, Library catalogs)
- Results gathered through Qualtrics



VS.



iPad Study Results

- Entertainment (32%) vs. Research (25%)
- Good for travel
- Data gathering tool for social sciences
- Examining high res images
- Problems with e-book interfaces (esp. PDFs)
- Problems with using VPN
- Problems with touchscreen keyboard
- Favorite apps
 - Netflix, Papers, Evernote, Pages, Email, Keynote
- Recommendations:
 - Purchase physical keyboard, Proxy support, Configure for Yale wireless network, wiping personal information upon return

Julie Newman – Sustainability and Institutions

- iPad 2s (18)
- iPads checked out individually
- Wanted to go totally paperless
- Consumption (readings, browsing, etc.)
- Production (writing, camera, annotation)



Barbara Stuart – English 121 Writing About Food

- iPad 2s (18)
- iPads checked out individually
- Consumption (readings, browsing, etc.)
- Production (writing, camera, annotation)



Marta Wells – Lab for Principles of EE&B

- iPad 1s (18)
- All iPads checked out by instructor
- Consumption only (videos)
- Class set - remained in lab



1 year later – now what?

- Interest in expanding to 2nd library location
- Outreach and raising awareness to community
 - [TwTT](#)
- Yet another iPad
- Brainstorming workshop
- Creating a sustainable model



**Steve Knows
Best!**

Sustainable model

- Clear roles for ITS, Library IT and Access Services
- Who pays for what?
- Develop imaging process
- Develop app purchasing process
- Investigating Mobile Device Management
- Agreeing on peripherals
- Creation of Mobile Management website for depository of information.



Challenges

- Communication
- Protocol
- App purchasing/updating
- It's always going to be an experiment

Benefits

- Staff can excel at what they are good at
- Learning opportunity
- Patron experience

- **Imaging**
- **Data**
- **Personal iPads**
- **Protocol (GRP)**
- **Communication**

- **Breton Cart**

- 30 iPads at a time
- Great for charging
- Still takes some time
- Mobile
- Problems with connecting to iPad1



- **ParaSync**

- Durable case
- 16 iPads/time
- Have 40 iPad cart
- Could be useful for fieldwork
- Problems in securing hardware for manufacturer



- **Mobile Device Management**

- **Data**

- **Factory Reset upon return**
- **How to port off user data**
 - Dropbox can't be the answer
 - Perhaps the cloud

- **Personal iPads**

- Gift card
- Codes from VPP
- Best solution = MDM

- **Goals**
- **Roles**
 - **ITS Responsibility**
 - **Library IT Responsibility**
 - **Access Services Responsibility**
- **Procedures**
 - **Prepping hardware**
 - **Distribution**
 - **Terms of Usage**
 - **Prepping**

- **Internal**
 - Mailing List
 - Mobile Management [website](#)
- **Faculty**
 - One point of contact
- **Students**
 - Library Staff



- **Fall 2012**
- **Textbooks**
- **iPad Mini**
- **Android Devices**
- **This will always be an experiment**



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Yale